



Docket No. 97-0822-01.11  
(P99,2641)

PATENT

2/12/02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re U.S. Patent Application of:  
T. Hatazawa *et. al.*

Serial No.: 09/446,641

Filed: December 22, 1999

For: SOLID-ELECTROLYTE  
SECONDARY BATTERY

Examiner: T. Dove

Group Art Unit: 1745

**DO NOT ENTER  
OK TO ENTER  
OK AS INVITED**

**RECEIVED**  
FEB 07 2002  
TC 1700

**RESPONSE TO FINAL OFFICE ACTION**

Assistant Commissioner for Patents  
Box AF Amendment  
Washington, DC 20231

Dear Sir:

The remarks below are provided in response to the final Office Action dated July 31, 2001.

**In the Claims**

Please amend Claims 10 and 12 as follows:

10. (Twice amended) A solid-electrolyte secondary battery comprising:
- a positive electrode;
  - a negative electrode;
  - a solid electrolyte comprising a matrix polymer comprising a fluorocarbon polymer having a weight-average molecular weight of greater than 600,000.
12. (Twice amended) The solid-electrolyte secondary battery of Claim 10 wherein the matrix polymer comprises 30 percent or more by weight of the fluorocarbon polymer having a weight-average molecular weight of greater than 600,000.